

CEMP-ET

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Technical Letter
No. 1110-3-485


15 October 1997

Engineering and Design
FIRE PROTECTION FOR HELICOPTER HANGARS

1. Purpose. This letter provides criteria relative to the design and construction of fire protection features and systems at Army facilities.
2. **Applicability.** This letter **applies** to all HQUSACE elements and **USACE** commands having military construction and design responsibility.
3. **References.** See Appendix A
4. **Distribution.** Approved for public release; distribution is unlimited.
5. **Objective.** There is currently no design criteria applicable to fire protection for helicopter facilities. Neither the Military Handbook (**MIL-HDBK-1008C**), *Fire Protection for Facilities, Engineering, Design and Construction* nor **NFPA 409, Aircraft Hangars**, provides **specific** fire protection requirements for helicopters. Consequently, various approaches to fire protection for Army helicopter facilities have been taken, resulting in a lack of uniformity in protection features provided Army-wide. This letter seeks to provide a **uniform and** cost-effective approach to helicopter hangar fire protection.
6. **Action.** The guidance included in Appendix B to this technical letter will be used for planning, design and construction of fire protection features and systems for Army facilities.
7. **Implementation.** This technical letter will have special application, as defined in paragraph Sc, ER 1110-345-100.

FOR THE COMMANDER:

2 Appendices
APP A - References
APP B - Fire Protection
For Helicopter Hangars


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